

## DEVICE AND METHOD FOR DRIVING POLARITY INVERSION OF ELECTRODES OF LCD PANEL

### ABSTRACT OF THE DISCLOSURE

A device for driving polarity inversion of electrodes of a liquid crystal display (LCD) panel includes a time sequence controller and a source driver. In order to drive polarity inversion of electrodes of the LCD panel, a polarity inverting signal is provided and a digital video data is outputted, wherein the polarity inverting signal has a frequency higher than a scan frequency of scan lines but lower than a display frequency of sub-pixels. Then, the digital video data is converted into an analog video data. The analog video data has a polarity inverting frequency substantially equal to the frequency of the polarity inverting signal.